Mikhail Salnikov

Personal Data

Name:	Mikhail Salnikov
Date of Birth:	25 February 1997
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Education

since 08/2019	MSc. Student in Data Science Skolkovo Institute of Science and Technology GPA: 4.66 out of 5.0 (equal to 3.73 out of 4.0)
07/2018	B.S. Applied Mathematics and Information Technologies Mordovian State University

Research and Work Experience

since 09/2020	Junior Research-Engineer, ADASE group, Skoltech. Academic research. NAS and RL researches.
03/2018 - 08/2020	Data Scientist, Wallarm. ML and DL research and development in the cyber security area. Include production Machine Learning (KubeFlow, TensorFlow)
02/2017 - 03/2018	Data Scientist **intern**, Wallarm. ML and DL research and development in the cyber security area.

Papers

Trofimov, I., Klyuchnikov, N., Salnikov, M., Filippov, A., Burnaev, E. (2020). Multi-fidelity Neural Architecture Search with Knowledge Distillation. arXiv preprint arXiv:2006.08341 (2020).
My part of this project includes the Knowledge Distillation parts experiments, including the first experiments on small datasets that were not included in the paper.

Klyuchnikov, N., Trofimov, I., Artemova, E., Salnikov, M., Fedorov, M., Burnaev, E. (2020). NAS-Bench-NLP: Neural Architecture Search Benchmark for Natural Language Processing. arXiv preprint arXiv:2006.07116 (2020).
My part of this project includes experiments, preparation of graph embeddings and search space evaluation.

Kornilova, Anatasiia, Mikhail Salnikov, Olga Novitskaya, Maria Begicheva, Egor Sevriugov, and Kirill Shcherbakov. "MMDF: Mobile Microscopy Deep Framework." arXiv preprint arXiv:2007.13701 (2020).
It was student project on Biomedical Image Analysis course. Accepted to ISBI 2021

Scholarships

Skolkovo Institute of Science and Technology President's scholarship (2021)
Scholarship for excellent performance

Technical Skills

Data Science	PyTorch, TensorFlow, Scikit Learn, NumPy and SciPy, Matplotlib, Pandas, etc.
Tools	gRPC, MongoDB, Grafana, Docker, Kubernetes
Languages	Python, SQL, Ruby, C/C++, JavaScript